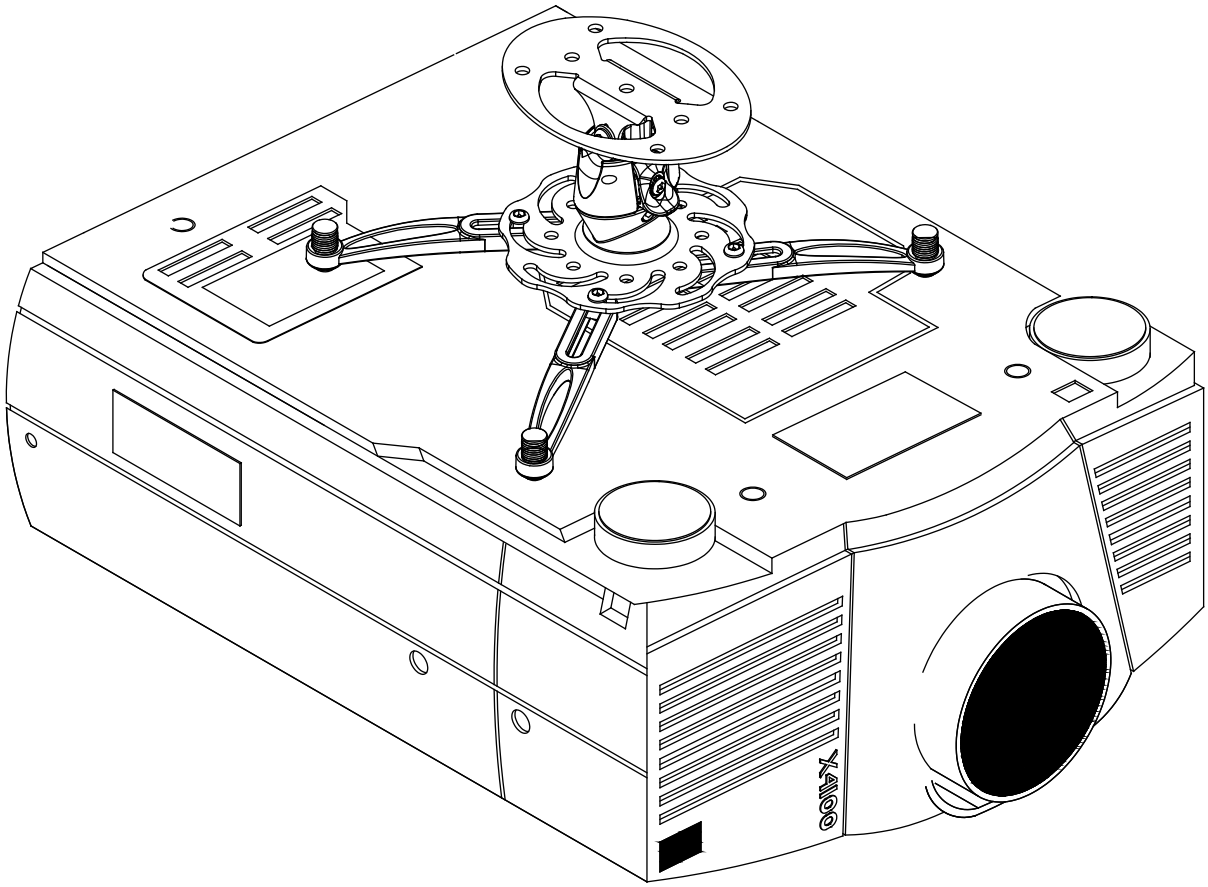
PREMIER MOUNTS™
The original holding company

INSTALLATION IN STRUCTIONS



Polaris™
Universal Projector Mount
Model: MAG

NORTH AMERICA	EUROPE	AUSTRALIA, NEWZEALAND, OCEANIA (DISTRIBUTOR)
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Other Locations – Phone: (001)-714-632-7100; Fax: (001)-714-632-1044

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Warning Statements

PREMIER MOUNTS DOES NOT WARRANT AGAINST DAMAGE CAUSED BY THE USE OF ANY PREMIER MOUNTS PRODUCT FOR PURPOSES OTHER THAN THOSE FOR WHICH IT WAS DESIGNED OR DAMAGE CAUSED BY UNAUTHORIZED ATTACHMENTS OR MODIFICATIONS, AND IS NOT RESPONSIBLE FOR ANY DAMAGES, CLAIMS, DEMANDS, SUITS, ACTIONS OR CAUSES OF ACTION OF WHATEVER KIND RESULTING FROM, ARISING OUT OF OR IN ANY MANNER RELATING TO ANY SUCH USE, ATTACHMENTS OR MODIFICATIONS.

THE CEILING STRUCTURE MUST BE CAPABLE OF SUPPORTING 25LBS.. IF NOT, THE CEILING STRUCTURE MUST BE REINFORCED. PROPER INSTALLATION PROCEDURE BY A QUALIFIED SERVICE TECHNICIAN, AS OUTLINED IN THE INSTALLATION INSTRUCTIONS, MUST BE ADHERED TO. FAILURE TO DO SO COULD RESULT IN SERIOUS PERSONAL INJURY, OR EVEN DEATH.

SAFETY MEASURES MUST BE PRACTICED AT ALL TIMES DURING THE INSTALLATION OF THIS PRODUCT. USE PROPER SAFETY GEAR AND TOOLS FOR THE INSTALLATION PROCEDURE TO PREVENT PERSONAL INJURY.

PRIOR TO THE INSTALLATION OF THIS PRODUCT, THE INSTALLATION INSTRUCTIONS SHOULD BE READ AND COMPLETELY UNDERSTOOD. THE INSTALLATION INSTRUCTIONS MUST BE READ TO PREVENT PERSONAL INJURY AND PROPERTY DAMAGE. KEEP THESE INSTALLATION INSTRUCTIONS IN AN EASILY ACCESSIBLE LOCATION FOR FUTURE REFERENCE.

Indicates that the power plug is to be disconnected from the power outlet.

Contact Premier Mounts with any questions –
Customer Service – (800) 368-9700
Technical Support – techsupport@mounts.com

Safety precautions must be taken at all times.

Warning and Caution statements.

Do not install on a structure that is prone to vibration, movement or chance of impact. Failure to do so could result in damage to the projector and/or damage to the mounting surface.

Do not install near heater, fireplace, direct sunlight, air conditioning or any other source of direct heat energy. Failure to do so may result in damage to the projector and could increase the risk of fire.

A qualified person should perform the installation procedure. Injury and/or damage can result from dropping or mishandling the projector

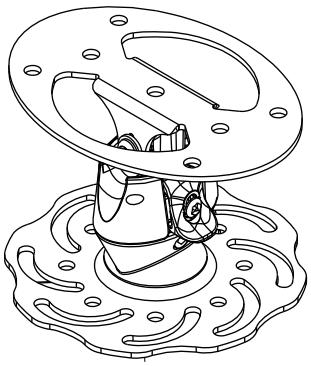
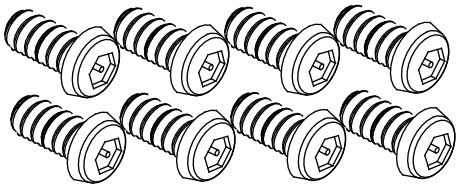
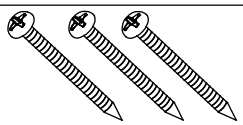
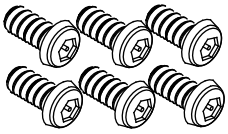
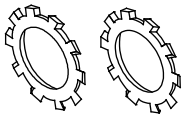
Parts List

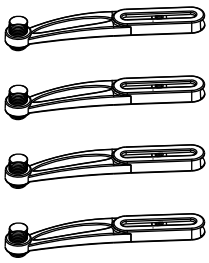
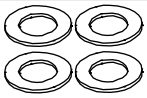
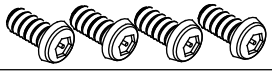
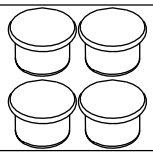
Note

This mount is shipped with all proper installation hardware and components. Make sure that none of these parts are missing and/or damaged before beginning installation. If there are parts missing and/or damaged, please stop the installation and contact Premier Mounts (800-368-9700).

Note

Please review all WARNING and CAUTION statements (see Page 2) before beginning the installation of the MAG Mount.

MAG Mount (Qty 1)	
M6 x 12mm Security Screw (Qty 8)	
#14 X 2” Wood Screw (Qty 3)	
M4 x 12mm Security Screw (Qty 6)	
¼ – 20 x 5/16” Security Screw (Qty 1)	
Star Washers (Qty 2)	

Mounting Legs (Qty 4)	
M3 Flat Washers (Qty 4)	
M5 x 12mm Security Screw (Qty 4)	
M3 x 16mm Security Screw (Qty 4)	
M2.5 x 8mm Security Screw (Qty 4)	
Plastic Barrel Caps (Qty 4)	

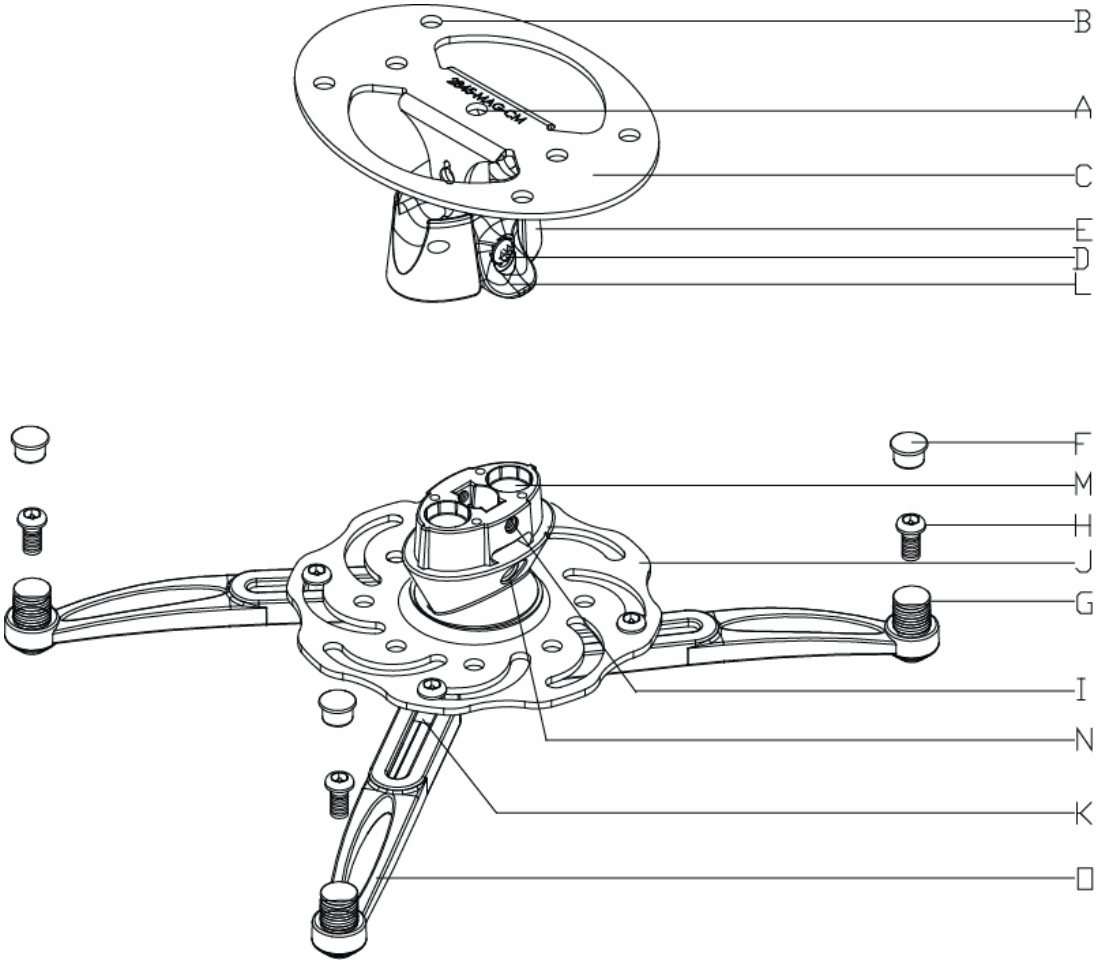
Installation Tools

Phillips Head Screw Driver
Pencil
Ladder
Masonry Bit – Concrete Installation (Commercially Available)
1/8” Wood Drill Bit – Ceiling Installation (Commercially Available)
Portable Drill
Tape Measure
M5 Security
Soft Material/Blanket
Stud Finder (Commercially Available)
Allen Wrench (Supplied)

Features

Congratulations on the purchase of your new Premier Mounts Polaris™ Universal Projector Mount. The projector mount can be configured for ceiling installations. The Polaris™ features our exclusive MagnaGuide™ Technology which assists the installer for quicker installation times and peace of mind.

A Single Wooden Stud Mounting Points
B Solid Structure Mounting Points
C Ceiling Plate
D M4 x 12mm Security Screw and Star Washer
E MagnaGuide™ - Upper Assembly
F Barrel Cap
G Leveling Barrel
H Mounting Hardware
I MagnaGuide™-Lower Assembly
J Projector Plate
K M6 Square Nut
L Locking Tab
M Magnets
N Radial Glide™ Set Screw
O Mounting Leg



Selecting the Proper Mounting Hardware

1. Invert the projector and locate the mounting points.
2. Test each size of the screws provided.
3. The correct screws should thread easily into the mounting point and not pull out when pressure is applied.

DO NOT OVERTIGHTEN YOUR MOUNTING SCREWS TO THE PROJECTOR CHASIS. USING THE INCORRECT SCREW DEPTH MAY CAUSE DAMAGE TO YOUR PROJECTOR.

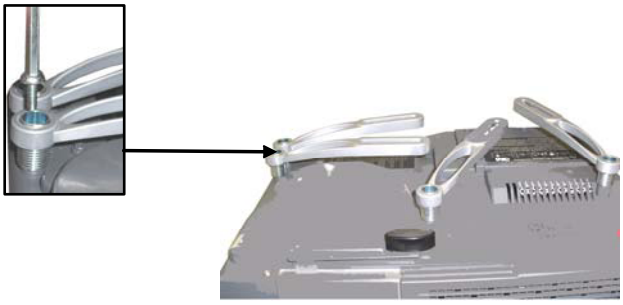
Attaching the Mount

WARNING Only attach to the projector manufacturer's specified mounting points on the projector chassis with a minimum of three mounting legs. Please follow all safety instructions specified by the projector manufacturer as well as the safety instructions outlined in this manual.

Unpack the MAG Mount and review any WARNING statements that apply to the installation. Select the desired location for the MAG Mount.

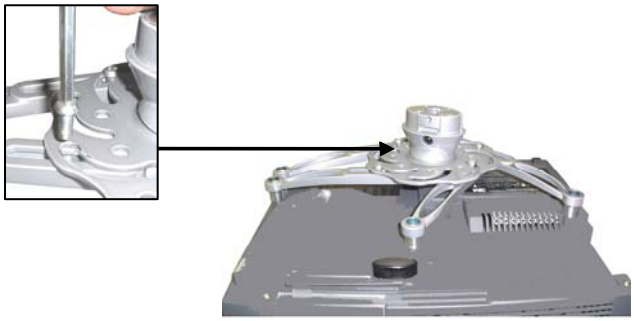
1. Locate the mounting points on the bottom of the projector (see arrows above for mounting point recognition).

Note Projector mounting points will vary. The projector used in this manual is an example, and may not match yours exactly.



2. Attach the appropriate number of mounting legs to the projector using the appropriate mounting hardware (see Page 4, Selecting the Proper Mounting Hardware).
3. Do not tighten these screws completely at this time.

4. Align the projector plate to the mounting legs.
5. Position the legs accordingly for best configuration. You may raise or lower each leg independently by turning the leveling barrels.

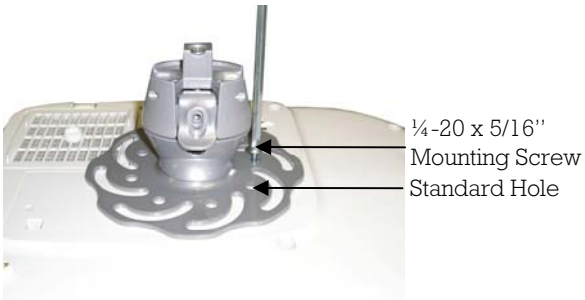


6. Secure the legs to the projector plate by screwing M6 x 12mm security screws into the M6 square nut (do not overtighten) on the mounting legs.
7. Tighten all security screws at this time.
8. Once the security screws have been tightened, place the plastic cap over each leveling barrel and firmly push the plastic cap into place.

Single Mounting Point Installation

If your projector has a ¼-20 x 5/16" mounting point, please refer to the following three steps:

1. Determine where the mounting point is located.



2. Place the projector plate over the mounting point.
3. Insert the ¼-20 x 5/16" security screw.

Note This screw will use a standard hole when mounting.

Ceiling Installation

1. Mounting Surfaces

Note: Use a 1/8" drill bit to pre-drill the mounting holes before securing the wood screws (supplied).

Wood studs: Where denoted with the letter '**A**', mark these locations for wood stud installation.

Note: Use a masonry bit to pre-drill the mounting holes in the concrete surface.

Concrete surface: Where denoted with the letter '**B**', mark these locations for concrete installation.

2. Use two (2) #14 x 2" wood screws (supplied) to attach the ceiling plate to the wooden ceiling stud.

Note: For extra security, attach a third wood screw to the middle mounting point (A).

3. Slowly raise the projector toward the upper assembly. Once the projector is close to the upper assembly, MagnaGuide™ Technology will pull the lower assembly into the upper assembly and the locking tab will engage.

STOP: THE MAGNETS ARE USED FOR GUIDING THE UNIT ONLY! PLEASE MAKE SURE THE TWO (2) M4 X 12MM SCREWS ARE USED TO SECURE THE PROJECTOR.

4. Attach the two (2) M4 x 12mm security screws and star washers that are located on each side of the locking tab.

Note: Do not release your hold on the projector until the upper and lower assemblies are engaged and the locking tab is in place.

Note: If you choose to use the center mounting point for added security, detach the lower assembly from the ceiling plate by removing the two (2) M6 x 12mm security screws, drive the wood screw in place and reattach the lower assembly and security screws.

Concrete Mounting

Note: The MAG can be mounted to a ceiling with a minimum 6" thickness. Concrete wedge anchors must be used for concrete installation. It is recommended that ¼" wedge anchors be used. A masonry bit must be used to drill the pilot hole. These items can be purchased at your local hardware store.

1. Begin by placing the ceiling plate into position against the ceiling, keeping it level.
2. Mark off four holes to be used for securing the mount and place the ceiling plate aside.
3. Next, drill holes using the appropriate masonry bit for your anchor.
4. Insert a concrete anchor into each hole.
5. If necessary, a hammer can be used to lightly tap each anchor into place so that they are flush with the ceiling.
6. Once all of the anchors are in place, move the ceiling plate back into position.
7. Attach the nut onto the threaded shaft that is protruding from the ceiling.
8. Do not tighten until all nuts are in place.

Adjusting the Projector

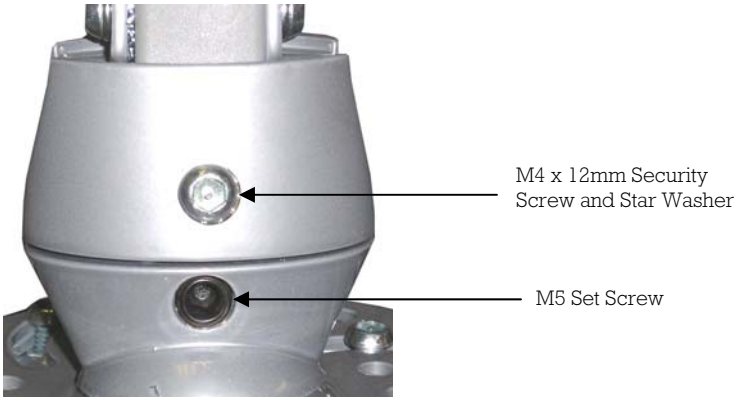
After the projector has been installed, the projector must then be adjusted. To adjust the projector:

1. Loosen the M5 set screw using the M5 Allen wrench (both sides).
2. Adjust the projector to the correct position. Firmly grasp the projector in both hands, and tilt either forward or backward to adjust the level.

-OR-

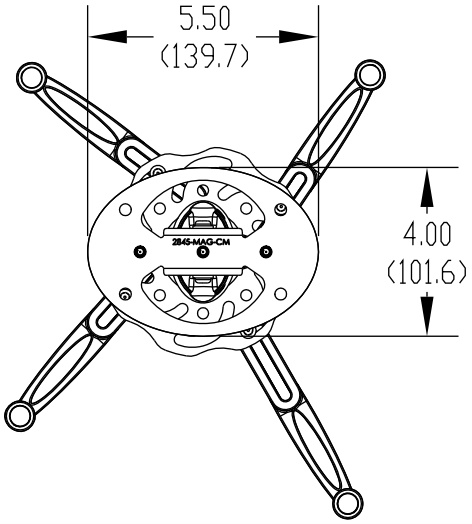
Firmly grasp the projector in both hands and rotate side to side for orientation adjustment.

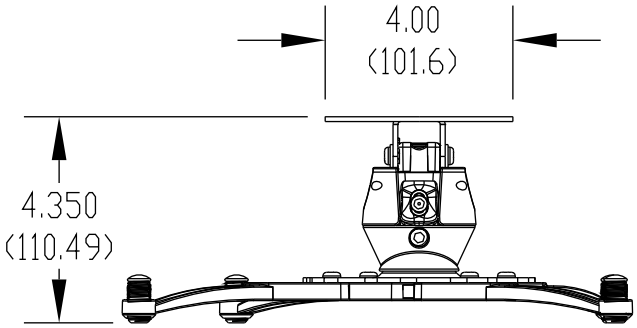
3. Tighten both M5 set screws using the M5 Allen wrench.



Technical Specifications

All measurements are inches (mm).





Warranty

PREMIER MOUNTS
LIMITED LIFETIME WARRANTY

What and Who is Covered by this Limited Warranty and for How Long

Premier Mounts warrants this product to be free from defects in material and workmanship for the lifetime of the original installation of this product. The limited warranty is valid only for the original purchaser of the product.

What Premier Mounts Will Do

At the sole option of Premier Mounts, Premier Mounts will repair or replace any product or product part that is defective. If Premier Mounts chooses to replace a defective product or part, a replacement product or part will be shipped to you at no charge, but you must pay any labor costs.

What is Not Covered; Limitations

PREMIER MOUNTS DISCLAIMS ANY LIABILITY FOR DAMAGE TO MOUNTS, ADAPTERS, DISPLAYS, PROJECTORS, OTHER PROPERTY, OR PERSONAL INJURY RESULTING, IN WHOLE OR IN PART, FROM IMPROPER INSTALLATION, MODIFICATION, USE OR MISUSE OF ITS PRODUCTS.

PREMIER MOUNTS DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. PREMIER MOUNTS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO, INABILITY TO USE ITS PRODUCTS OR LABOR COSTS FOR REMOVING AND REPLACING DEFECTIVE PRODUCTS OR PARTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

What Customers Must Do for Limited Warranty Service

If you discover a problem that you think may be covered by the warranty you MUST REPORT it in writing to the address below within thirty (30) days. Proof of purchase (an original sales receipt) from the original consumer purchaser must accompany all warranty claims. Warranty claims must also include a description of the problem, the purchaser's name, address, and telephone number. General inquiries can be addressed to Premier Mounts Customer Service at 1-800-368-9700. Warranty claims will not be accepted over the phone or by fax.

Premier Mounts
Attn: Warranty Claim
3130 E. Miraloma Avenue
Anaheim, CA 92806

How State Law Applies

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.